

Rotary Position Sensors

Adjustment

The standard range of potentiometers offers various angular or lateral adjustment possibilities depending on the design. Some models have provision for a dowel to be inserted to lock the potentiometer into position. Note that the holes on the non-adjustable model are not in line.

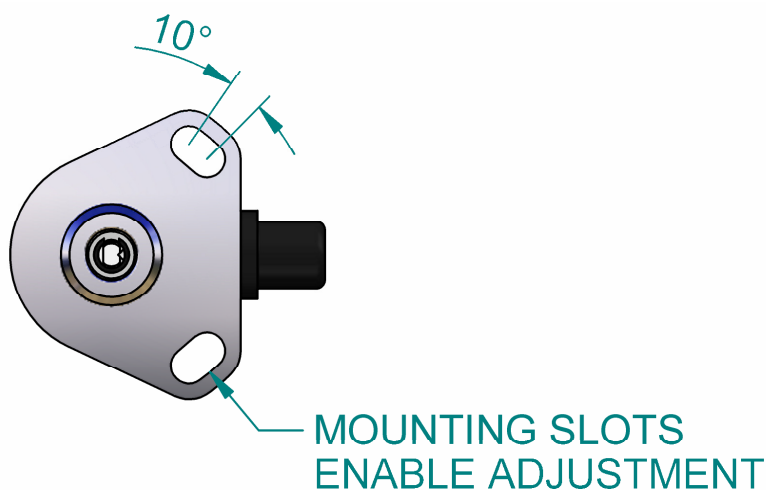
The Micro pot can be adjusted by 20° and the Mini Pot by 10°. These models do not have provision to be fixed with a dowel.

Vibration

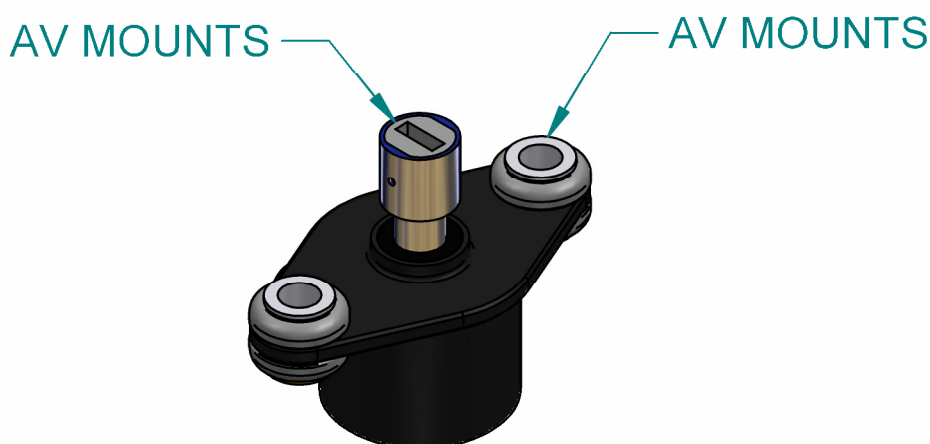
In high frequency, high vibration environments, such as engine or gearbox mounting, a resilient or anti vibration mount and coupling should be used to isolate the sensor. For example, a hard plastic block (e.g. 3mm thick Nylon 66) may be used to provide the necessary isolation.

Half Voltage Position

The drawings in the Product Summaries indicate the relative position of the shaft and the centre of the electrically active part of the track (the "Half Voltage Position"). This is necessary because the potentiometers do not have internal end stops.



Mini Potentiometer Installation



AV Mounted Mini Potentiometer Installation